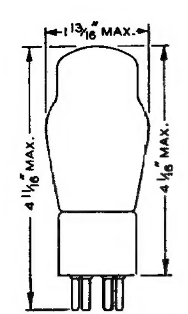
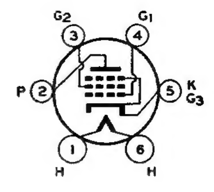


RCA-43

POWER-AMPLIFIER PENTODE



The 43 is a power-amplifier pentode of the heater-cathode type for use in the output stage of radio receivers, especially those of the "d-c power line" type and the "universal (a.c.-d.c.)" type. In such applications, the 43 is capable of handling relatively large audio power at the low plate and screen voltage available. A single 43 in the output stage operating with 100 volts on plate and screen can deliver nearly one watt of audio power, while two 43's in push-pull arrangement with the same voltages can supply approximately two watts.

CHARACTERISTICS

HEATER VOLTAGE (A. C. or D. C.)	25	Volts
HEATER CURRENT	0.3	Ampere
BULB		ST-14
BASE		Medium 6-Pin

Other characteristics of this type are the same as for the type 25A6.

INSTALLATION AND APPLICATION

The base pins of the 43 fit the standard six-contact socket which may be installed to hold the tube either in a vertical or in a horizontal position. Sufficient ventilation should be provided to circulate air freely around the tube to prevent overheating.

For heater operation and cathode connection, refer to type 25A6.

For APPLICATION, refer to type 25A6.

An additional family of plate characteristic curves which applies to type 43 is given under type 25A6.

